

# Utah Monthly Communicable Disease Report

## December 2015

Background: The Utah Department of Health collects data on over 75 communicable diseases that affect the residents of Utah. These data are monitored by epidemiologists to detect changes in disease activity, and guide prevention and education efforts. More information can be found at <http://health.utah.gov/epi/>.

**Note: Individual disease investigations take time to complete; for this reason, data in this report should be considered provisional and will change as more complete reports are received.**

**Current counts of selected reportable diseases, \* compared to an historical 5-year average, December 2015**

Disease/Condition	Dec 2015	5-yr Dec avg <sup>†</sup>	2015 YTD <sup>‡</sup>	5-yr YTD avg <sup>†,‡</sup>
<i>Acinetobacter</i> species with resistance or intermediate resistance to carbapenems	2	U	55	U
Amebiasis	0	0.2	0	6.6
Arbovirus infection (not including West Nile, Dengue, or Yellow Fever)	0	0.2	0	0.6
Babesiosis	0	0.0	0	0.2
Botulism, total	0	0.4	7	6.0
foodborne	0	0.0	2	1.6
infant	0	0.4	5	4.4
other (wound/unspecified)	0	0.0	0	0.0
Brucellosis	0	0.0	2	0.8
Campylobacteriosis	16	23.2	425	491.2
Chickenpox	20	18.6	200	297.4
Chlamydia	632	599.8	8,451	7,422.0
Cholera	0	0.0	0	0.0
Coccidioidomycosis	0	4.6	44	53.8
Colorado tick fever	0	0.0	0	0.2
Creutzfeldt-Jakob disease and other transmissible human spongiform encephalopathies	0	0.6	8	2.6
Cryptosporidiosis	9	6.2	164	100.8
Cyclosporiasis	0	0.0	8	0.2
Dengue	0	0.0	0	4.8
Echinococcosis	0	0.0	0	1.0
Ehrlichiosis/Anaplasmosis	0	0.0	2	0.6
Encephalitis	0	0.2	2	4.4
<i>Escherichia coli</i> species with resistance or intermediate resistance to carbapenems	1	U	10	U
Giardiasis	15	17.8	191	265.4
Gonorrhea	141	64.2	1,476	690.4
HIV infection	0	0.0	0	0.0
<i>Haemophilus influenzae</i> , all ages, invasive disease	5	4.8	47	42.0
nonserotype B, age < 5 years	0	0.2	4	0.2
serotype B, age < 5 years	0	0.0	0	0.2
unknown serotype, age < 5 years	0	0.0	0	0.0
Hansen's disease (Leprosy)	0	0.0	1	1.0
Hantavirus pulmonary syndrome	0	0.0	1	1.2
Hemolytic uremic syndrome, post-diarrheal	0	0.4	4	5.6
Hepatitis A	0	0.6	7	8.8
Hepatitis B, acute	0	0.4	10	9.4
Hepatitis B, chronic	16	18.4	293	262.6
Hepatitis C, acute	0	2.0	18	15.4
Hepatitis C, past or present	62	93.8	1,644	1,256.0
Hepatitis, other viral	0	0.0	1	1.0
Influenza-associated hospitalization <sup>§</sup>	27	289.4	672	736.6
Influenza-associated pediatric mortality <sup>§</sup>	0	0.6	2	1.8
<i>Klebsiella</i> species with resistance or intermediate resistance to carbapenems	0	U	18	U
Legionellosis	0	3.4	29	24.6
Leptospirosis	0	U	0	U
Listeriosis	0	0.2	0	4.4
Lyme disease	0	0.0	4	10.0

\* Anthrax, Chancroid, Diphtheria, Poliomyelitis (paralytic & nonparalytic), Psittacosis, Rabies (human), Rubella (congenital), Severe Acute Respiratory Syndrome (SARS), Smallpox, Syphilis (congenital), Tetanus, Vancomycin-resistant *Staphylococcus aureus* (VRSA), Viral hemorrhagic fevers, and Yellow fever are not included in this report as there have been no cases reported in the state of Utah in the last five years.

<sup>†</sup>Averages are susceptible to skewing due to outbreaks and should be interpreted with care.

<sup>‡</sup>YTD indicates counts are year-to-date.

<sup>§</sup>Influenza is best assessed seasonally. Weekly updates are available at <http://health.utah.gov/epi/diseases/influenza/surveillance/index.html>.

U: Unavailable

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Malaria	0	1.6	5	7.4
Measles	0	0.2	2	3.4
Meningitis, aseptic	0	3.2	17	44.4
Meningitis, bacterial, other	1	0.4	9	14.8
Meningitis, viral	0	1.2	46	33.4
Meningococcal disease ( <i>Neisseria meningitidis</i> )	0	0.6	2	5.2
Mumps	0	0.2	0	2.0
Pertussis	4	70.8	418	968.6
Plague	0	0.0	1	0.0
Q fever	0	0.2	0	3.4
Rabies, animal	0	0.0	21	13.2
Relapsing fever, tick-borne and louse-borne	0	0.0	0	0.8
Rubella	0	0.0	0	0.2
Salmonellosis	20	20.8	460	329.0
Shiga toxin-producing <i>Escherichia coli</i> (STEC) infection	3	2.8	96	100.4
Shigellosis	1	3.0	36	41.2
Spotted Fever Rickettsiosis (Rocky Mountain Spotted Fever)	0	0.2	4	6.6
Streptococcal disease, invasive, group A	5	12.8	141	107.0
Streptococcal disease, invasive, group B	6	10.0	127	114.8
Streptococcal disease, invasive, other	12	24.6	298	298.6
<i>Streptococcus pneumoniae</i> , invasive disease	11	27.8	172	206.8
age < 5 years	0	3.2	13	27.0
Syphilis, early (infection < 12 months)	3	6.0	80	74.2
primary & secondary	3	2.8	56	48.6
early latent	0	3.2	24	25.6
Syphilis, latent (infection > 12 months)	1	2.2	53	31.6
Toxic shock syndrome (staphylococcal or streptococcal)	0	2.0	15	17.8
Trichinellosis	0	0.0	0	0.2
Tuberculosis, active	2	2.2	37	31.0
Tularemia	0	0.0	5	1.6
Typhoid fever	0	0.0	1	1.8
Vancomycin-intermediate <i>Staphylococcus aureus</i> (VISA)	0	0.0	0	0.4
Vibriosis	0	0.2	9	1.8
West Nile virus, total	0	0.0	8	3.8
neuroinvasive disease	0	0.0	5	2.0
nonneuroinvasive disease	0	0.0	3	1.8

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